



**COUNTY OF LOUDOUN
DEPARTMENT OF CONSTRUCTION
AND WASTE MANAGEMENT**



MEMORANDUM

TO: The File

FROM: Sandra Hunter

DATE: November 4, 2010

RE: Waste Stream Management Plan for the U.S. Department of Energy's (DOE) Energy Efficiency and Conservation Block Grant (EECBG) Program

The Loudoun County Home Youth Shelter for the Department of Family Services will coordinate with the County's construction contractors to provide a waste management plan for the EECBG/Youth Shelter solar projects under DOE's Energy Efficiency and Conservation Block Grant program. The attached chart outlines the types of potential waste that a project may generate and the disposal path for each waste stream. It is anticipated that the majority of waste generated by this project will be packaging for solar panels themselves, which will be cardboard.

Cc: Nicole Steele, EECBG Grant Administrator, Department of Capital Construction and Waste Management

Expected Project Waste, Disposal, and Handling:

The following charts identify waste materials expected on EECBG projects, their disposal method, and handling procedures:

Material	Quantity	Disposal Method	Handling Procedure
Land clearing debris	As determined by energy audit	Reuse, landfill mulch	Keep separated in designated areas on site.
Clean dimensional wood and palette wood	As determined by energy audit	Keep separate for reuse by on-site construction or by homeowners for either heating stoves or reuse in home projects.	Keep separated in designated areas on site.
Plywood, OSB, particle board	As determined by energy audit	Reuse, landfill	Keep separated in designated areas on site.
Painted or treated wood	As determined by energy audit	Reuse, landfill	Keep separated in designated areas on site.
Concrete	As determined by energy audit	Recycle	Keep separated in designated areas on site.
Concrete Masonry Units	As determined by energy audit	Keep separate for re-use by on-site construction or by homeowner	Keep separated in designated areas on site
Metals	As determined by energy audit	Recycle	Keep separated in designated areas on site. Place in "Metals" container.
Gypsum drywall (unpainted)	As determined by energy audit	Keep separate for re-use by on-site construction or by homeowner. Recycle with supplier.	Keep scraps separate for recycling – stack on pallets in provided on site. All scrap drywall will be taken back by contractor to drywall supplier
Paint	As determined by energy audit	Reuse or recycle at Environmental Depot, landfill	Keep separated in designated areas on site
Insulation	As determined by energy audit	Reuse, landfill	Keep separated in designated areas on site
Flooring	As determined by energy audit	Reuse, landfill	Keep separated in designated areas on site
Carpet and pad	As determined by energy audit	Reuse or recycle with carpet manufacturer	Keep separated in designated areas on site
Appliances	As determined by energy audit	Recycle at: landfill	
Glass	As determined by energy audit	Glass Bottles: Recycle at: landfill	Keep separated in designated areas on site. Place in "Glass/Plastic bottles/Metal

Material	Quantity	Disposal Method	Handling Procedure
			Cans/Mixed Paper/ Cardboard" container
Plastics	As determined by energy audit	Plastic Bottles: Recycle at: landfill Plastic bags/scraps: Reuse, landfill	Keep separated in designated areas on site. Place in "Glass/Plastic bottles/Metal Cans/Mixed Paper/ Cardboard" container
Beverage	As determined by ener audit	Recycle at: landfill	Keep separated in designated areas on site. Place in "Glass/Plastic bottles/Metal Cans/Mixed Paper/ Cardboard" container
Cardboard	As determined by ener audit	Recycle at: landfill	Keep separated in designated areas on site. Place in "Glass/Plastic bottles/Metal Cans/Mixed Paper/ Cardboard" container
Paper and newsprint	As determined by ener audit	Recycle at: landfill	Keep separated in designated areas on site. Place in "Glass/Plastic bottles/Metal Cans/Mixed Paper/ Cardboard" container
TOTAL			